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Electronic controller

Fiam

PEOPLE AND SOLUTIONS

ELECTRONIC CONTROLLER

This component is a necessary tool for **adjusting the amplitude of vibration** produced by the circular feeder. Of modern conception, it guarantees perfect synchronization with the system in all conditions.

It is equipped with a soft start device, enabling to choose the ramp time (**0,2 sec./2 sec.**).

Appropriately over-dimensioned power stages are provided to handle any overloads without interruption, whether operating at **50 or 60 Hz. Highly linear range of adjustment**, as well as provision for **setting the maximum and minimum** vibration limits.

Vibration adjustment is made through an external potentiometer; however access may be made to the PC board for readjustments of the minimum and maximum. An ON-OFF type control with signal control contact is foreseen. It is supplied already set in standard version. It can be supplied with board or IP 55 box.

Specific output connector type can be agreed prior to delivery.

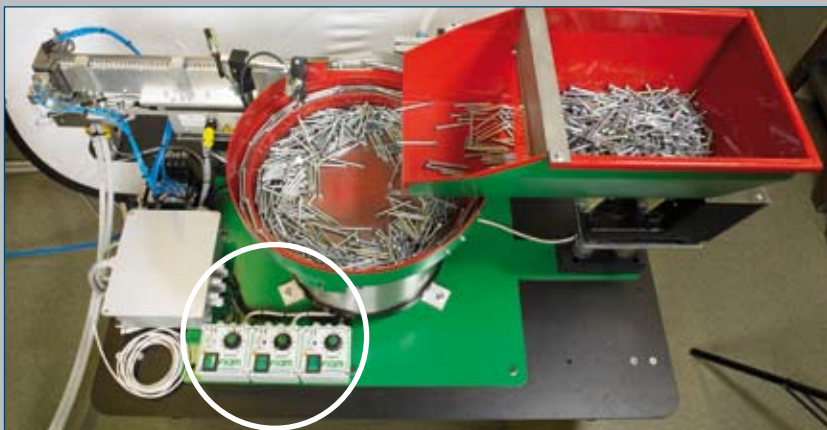
Component	Model	Description
4	CNT	Electronic controller

TECHNICAL FEATURES

TENSION OF FEEDING	115 - 230V +/- 5% 50/60 Hz
CONSUMPTION	1,5 W max
CURRENT MAX	3,15A - 6,3A (RMS)
LOAD MIN.	50 mA (RMS)
ON-OFF CONTACT	
FREQUENCY OF VIBRATION	3000/6000 cycles to minute (50Hz)
TIME OF RAMP	from 0,2 sec. up to 2 sec. (modifiable)
ADJUSTMENT MIN.	80V +/- 30%
ADJUSTMENT MAX	220V - 30%
ASSEMBLY POSITION	horizontal or vertical
DEGREE OF PROTECTION	IP55 in box



The photo shows an application of the Fiam electronic controller



The photo shows an application with 3 Fiam electronic controllers